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First edition
1999-05-01

Protective clothing — Gloves and arm guards protecting against cuts and stabs by hand knives —

Part 1:

Chain-mail gloves and arm guards

Vêtements de protection — Gants et protège-bras contre les coupures et les coups de couteaux à main —

Partie 1: Gants en cotte de mailles et protège-bras



Reference number
ISO 13999-1:1999(E)

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Printed in Switzerland

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 13999 was prepared by Technical Committee ISO/TC 94, *Personal safety — Protective clothing and equipment*, Subcommittee SC 13, *Protective clothing*. It is based on EN 1082-1:1996.

ISO 13999 consists of the following parts, under the general title *Protective clothing — Gloves and arm guards protecting against cuts and stabs by hand knives*:

- *Part 1: Chain-mail gloves and arm guards*
- *Part 2: Gloves and arm guards made of material other than chain-mail*
- *Part 3: Impact cut test for fabric, leather and other materials*

Annex A forms a normative part of this part of ISO 13999. Annexes B, C and D are for information only.

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Introduction

Chain-mail gloves and metal or plastic arm guards that offer some protection against stabs are used in those aspects of work where a knife is moved towards the user's hand and forearm, especially when working with hand knives in slaughterhouses, in the meat, fish and shell fish processing industries, in large scale catering establishments, and in manual boning-out operations to process meat, game and poultry. Protective gloves and arm guards against stabs may also offer adequate protection for those working with hand knives in the plastics, leather, textile and paper industries, when laying flooring and similar tasks.

Attention is drawn to legislation and other standards concerning public health in the food industry and hygiene in the meat processing industries, that might apply to the construction, construction materials and cleaning of protective gloves and arm guards and associated straps and fasteners.

It should be noted that the tests specified in this part of ISO 13999 are designed to be severe, and in some cases destructive, in order to adequately test the products. The requirements in this part of ISO 13999 based on these tests do not imply that, in normal use, knives will penetrate gloves or arm guards by significant distances.

It has been assumed in the drafting of this part of ISO 13999 that the execution of its provisions is entrusted to appropriately qualified and experienced people, for whose guidance it has been prepared. The apparatus described should only be used by competent persons and requires safeguards to prevent, as far as is reasonably practicable, injury to the operator and other persons.